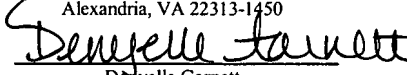


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/593,548
Confirmation No.: 1492
Filed: September 19, 2006
First Named Inventor:
Michael B. Simpson

Title: CHEMICAL MIXING
APPARATUS, SYSTEM
AND METHOD

§ Examiner: Unknown
§ Art Unit: Unknown
§ Atty. Dkt. No: 5980-00202
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CERTIFICATE OF EXPRESS MAIL	
UNDER 37 C.F.R. §1.10	
"Express Mail" mailing label number	EL978144951US
DATE OF DEPOSIT:	10/26/07
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:	
Commissioner for Patents Alexandria, VA 22313-1450	
 Denielle Garnett	

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant encloses the following in response to the Notification of Defective Response:

- (1) Copy of Notification of Defective Response (2 pages);
- (2) Declaration of inventor Michael B. Simpson (3 pages);
- (3) Declaration of inventor Gary R. Anderson (3 pages);
- (4) Declaration of inventor George V. Woodley (3 pages);
- (5) Fee Authorization in the amount of \$820.00 to cover the fees for a small entity as follows (2 pages):

\$ 820.00 -- four-month extension of time; and
- (6) A return postcard.

Michael B. Simpson
10/593,548

Applicant respectfully requests a four-month extension of time to respond to the Formalities Letter mailed May 21, 2007. A fee authorization form is enclosed for the extension of time fee. If any further extension of time is required, Applicant hereby respectfully requests the appropriate extension of time. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5980-00202/EBM.

Respectfully submitted,



Mark R. DeLuca
Reg. No. 44,649

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398
(512) 853-8800 (voice) (512) 853-8801 (facsimile)
Date: 10/26/07



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

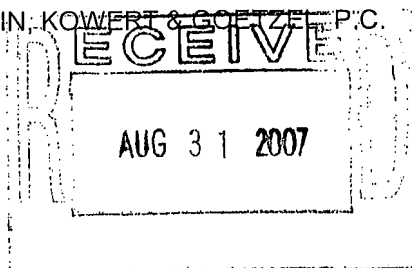
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/593,548	Michael B. Simpson	5980-00202

INTERNATIONAL APPLICATION NO.

PCT/US04/41053

I.A. FILING DATE	PRIORITY DATE
12/09/2004	07/08/2004

35690
MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398



CONFIRMATION NO. 1492

371 FORMALITIES LETTER



OC000000025548994

Date Mailed: 08/27/2007

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 09/19/2006
- Copy of the International Search Report filed on 09/19/2006
- Preliminary Amendments filed on 09/19/2006
- Information Disclosure Statements filed on 07/23/2007
- Oath or Declaration filed on 07/23/2007
- U.S. Basic National Fees filed on 09/19/2006
- Priority Documents filed on 09/19/2006

Atty Dkt#: _____ Atty: EBM
 Action: 30 Day ☐ 1Mo. ☒ 2 Mo. ☐ 3 Mo. ☐ FOA ☐
 Advsy Action ☐ FR ☐ MParts ☐ IDS ☐ Ntc of Abn ☐
 Assignmt ☐ Interv Smimry ☐ Corr Cert. ☐ Appeal Brf ☐
 Transf In ☐ Transf Out ☐ NOA ☐ Drwgs ☐ lss Fee ☐
 Due Date: 9-27-07 Other: correct defective resp.
 Docketed: 8-31-07 By: Karn

Applicant's response filed 07/23/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 05/21/2007 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - does not identify the citizenship of each inventor.
 - does not state the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Additionally the following defects have been observed:

- The oath of declaration does not comply with 37 CFR 1.63 in that it:
 - does not identify the mailing address of each inventor. If the residence is different from the mailing address, then the city and state or city and foreign country of residence of each inventor must also be given.
 - does not state that the person making the oath or declaration has reviewed and understands the contents of the application, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
 - does not state that the person making the oath or declaration acknowledges the duty to disclose to the Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebs>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/593,548	PCT/US04/41053	5980-00202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

§ § § § §

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Commissioner for Patents
Alexandria, VA 22313-1450

Denyelle Garnett
Denyelle Garnett

1

Michael B. Simpson
10/593,548

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number.

Respectfully submitted,



Mark R. DeLuca
Reg. No. 44,649

Patent Agent for Applicant

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